

**10/552291**

Patent  
Attorney Docket No. 012679-113

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**JC20 Rec'd PCT/PTO 03 OCT 2005**

In re Patent Application of

Ju-Ock Nam et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filing Date: October 3, 2005

Examiner: Unassigned

Title: USE OF A PEPTIDE THAT INTERACTS WITH ALPHA V BETA 3 INTEGRIN OF ENDOTHELIAL CELL

Confirmation No.: Unassigned

**First  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a First Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

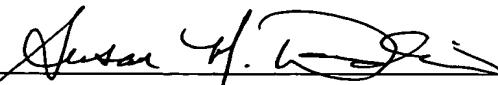
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: October 3, 2005

By   
Susan M. Dadio  
Registration No. 40,373

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Ju-Ock NAM et al. ) Group Art Unit: Unassigned  
Application No.: Unassigned ) Examiner: Unassigned  
Filed: October 3, 2005 ) Confirmation No.: Unassigned  
For: USE OF A PEPTIDE THAT )  
INTERACTS WITH ALPHA V BETA 3 )  
INTEGRIN OF ENDOTHELIAL CELL )

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Also enclosed is a copy of the International Search Report mailed on June 15, 2004 in connection with corresponding International Application No. PCT/KR2004/000774.

Non-Patent Literature Documents

1. NAM et al., "Identification of the av $\beta$ 3 Integrin-interacting Motif of  $\beta$ ig-h3 and Its Anti-angiogenic Effect," The Journal of Biological Chemistry, 2003, vol. 278, n. 28, pp. 25902-25909, The American Society for Biochemistry and Molecular Biology, Inc., Washington, D.C.
2. HORTON, "The av $\beta$ 3 Integrin "Vitronectin Receptor," Int. J. Biochem. Cell Biology, 1997, vol. 29, n. 5, pp. 721-725, Elsevier Science Ltd., Great Britain.
3. KIM et al., "Identification of Motifs for Cell Adhesion with the Repeated Domains of Transforming Growth Factor- $\beta$ -induced Gene,  $\beta$ ig-h3," The Journal of Biological Chemistry, 2000, vol. 275, n. 40, The American Society for Biochemistry and Molecular Biology, Inc., Washington, D.C.
4. KIM et al., "Identification of Motifs in the Fasciclin Domains of the Transforming Growth Factor- $\beta$ -induced Matrix Protein  $\beta$ ig-h3 That Interact with the av $\beta$ 5 Integrin," The Journal of Biological Chemistry, 2002, vol. 277, n. 48, The American Society for Biochemistry and Molecular Biology, Inc., Washington, D.C.

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First Information Disclosure Statement

Application No. Unassigned

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The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

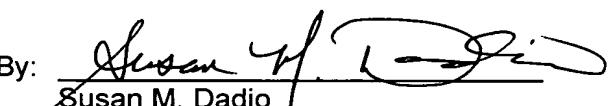
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date October 3, 2005

By:

  
Susan M. Dadio  
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Substitute for form 1449A/PTO & 1449B/PTO				<i>Complete if Known</i>	
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>				Application Number	Unassigned <b>1117252291</b>
				Filing Date	October 3, 2005
				First Named Inventor	Ju-Ock Nam et al.
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	012679-113

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	NAM et al., "Identification of the av $\beta$ 3 Integrin-interacting Motif of $\beta$ ig-h3 and Its Anti-angiogenic Effect," <u>The Journal of Biological Chemistry</u> , 2003, vol. 278, n. 28, pp. 25902-25909, The American Society for Biochemistry and Molecular Biology, Inc., Washington, D.C.
	HORTON, "The av $\beta$ 3 Integrin "Vitronectin Receptor," <u>Int. J. Biochem. Cell Biology</u> , 1997, vol. 29, n. 5, pp. 721-725, Elsevier Science Ltd., Great Britain.
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.